

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008364.D
 Acq On : 18 Apr 2022 10:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

Quant Time: Apr 19 06:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	133262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	205806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56767	45.350	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.700%		
35) Dibromofluoromethane	7.722	113	60939	46.790	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.580%		
50) Toluene-d8	10.179	98	201580	45.232	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.460%		
62) 4-Bromofluorobenzene	12.483	95	76091	45.394	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45080	40.848	ug/l	98
3) Chloromethane	2.113	50	60793	48.487	ug/l	97
4) Vinyl Chloride	2.253	62	81603	42.983	ug/l	98
5) Bromomethane	2.650	94	71241	48.145	ug/l	97
6) Chloroethane	2.796	64	59132	44.470	ug/l	95
7) Trichlorofluoromethane	3.131	101	104430	46.228	ug/l	99
8) Diethyl Ether	3.534	74	37498	45.932	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.900	101	68943	46.984	ug/l	93
10) Methyl Iodide	4.095	142	74187	45.468	ug/l	91
11) Tert butyl alcohol	4.960	59	38293	286.146	ug/l	98
12) 1,1-Dichloroethene	3.875	96	60064	45.697	ug/l	82
13) Acrolein	3.729	56	23660	224.540	ug/l	98
14) Allyl chloride	4.479	41	82325	47.991	ug/l #	91
15) Acrylonitrile	5.161	53	97797	244.922	ug/l	97
16) Acetone	3.948	43	87791	291.589	ug/l	90
17) Carbon Disulfide	4.198	76	138721	40.005	ug/l	99
18) Methyl Acetate	4.473	43	39979	55.611	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	201937	49.784	ug/l	94
20) Methylene Chloride	4.716	84	78666	49.356	ug/l #	77
21) trans-1,2-Dichloroethene	5.216	96	71106	45.152	ug/l	83
22) Diisopropyl ether	6.119	45	205080	50.673	ug/l #	92
23) Vinyl Acetate	6.058	43	680640	259.552	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	129519	49.856	ug/l	98
25) 2-Butanone	6.984	43	125977	267.589	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	125620	52.508	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	91755	49.106	ug/l	82
28) Bromochloromethane	7.338	49	54885	55.119	ug/l #	67
29) Tetrahydrofuran	7.344	42	75599	248.718	ug/l #	73
30) Chloroform	7.509	83	145049	50.003	ug/l	99
31) Cyclohexane	7.783	56	98838	43.665	ug/l	86
32) 1,1,1-Trichloroethane	7.704	97	127523	50.254	ug/l	95
36) 1,1-Dichloropropene	7.917	75	101566	48.836	ug/l	97
37) Ethyl Acetate	7.076	43	53084	49.501	ug/l #	90
38) Carbon Tetrachloride	7.899	117	112383	50.228	ug/l	97
39) Methylcyclohexane	9.185	83	125064	46.737	ug/l #	85
40) Benzene	8.161	78	302175	48.792	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008364.D
 Acq On : 18 Apr 2022 10:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

Quant Time: Apr 19 06:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	27009m	45.020	ug/l	
42) 1,2-Dichloroethane	8.240	62	89631	49.885	ug/l	90
43) Isopropyl Acetate	8.271	43	103523	52.015	ug/l #	84
44) Trichloroethene	8.941	130	84589	47.925	ug/l	96
45) 1,2-Dichloropropane	9.216	63	76893	50.824	ug/l	98
46) Dibromomethane	9.307	93	50188	50.121	ug/l	95
47) Bromodichloromethane	9.496	83	115424	51.255	ug/l	100
48) Methyl methacrylate	9.295	41	44539	52.643	ug/l #	75
49) 1,4-Dioxane	9.295	88	12806	991.008	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	273542	266.173	ug/l #	84
52) Toluene	10.246	92	199613	48.920	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	120069	52.317	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	133695	51.636	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	72385	50.676	ug/l	95
56) Ethyl methacrylate	10.514	69	92559	52.854	ug/l #	74
57) 1,3-Dichloropropane	10.795	76	114701	50.006	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	158205	229.345	ug/l	90
59) 2-Hexanone	10.831	43	194423	274.941	ug/l	80
60) Dibromochloromethane	10.990	129	85674	51.347	ug/l	99
61) 1,2-Dibromoethane	11.093	107	68328	48.927	ug/l	99
64) Tetrachloroethene	10.721	164	70832	48.831	ug/l	96
65) Chlorobenzene	11.520	112	223590	50.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	88219	52.969	ug/l	98
67) Ethyl Benzene	11.593	91	393538	51.850	ug/l	97
68) m/p-Xylenes	11.703	106	314300	104.122	ug/l	91
69) o-Xylene	12.032	106	154618	52.783	ug/l	89
70) Styrene	12.044	104	262639	54.365	ug/l	94
71) Bromoform	12.209	173	52984	52.777	ug/l #	99
73) Isopropylbenzene	12.331	105	401802	51.758	ug/l	100
74) N-amyl acetate	12.148	43	92476	54.869	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	87956	53.545	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	55713m	48.245	ug/l	
77) Bromobenzene	12.611	156	92441	48.594	ug/l	94
78) n-propylbenzene	12.672	91	477452	52.121	ug/l	98
79) 2-Chlorotoluene	12.758	91	265290	51.603	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	328908	51.669	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	28948	56.088	ug/l #	82
82) 4-Chlorotoluene	12.855	91	279217	52.851	ug/l	96
83) tert-Butylbenzene	13.075	119	307652	53.873	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	330697	52.494	ug/l	98
85) sec-Butylbenzene	13.258	105	448069	52.924	ug/l	99
86) p-Isopropyltoluene	13.373	119	376749	53.326	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	195714	51.947	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	189304	50.768	ug/l	98
89) n-Butylbenzene	13.697	91	341278	53.465	ug/l	99
90) Hexachloroethane	13.965	117	69720	52.799	ug/l	83
91) 1,2-Dichlorobenzene	13.745	146	170615	50.901	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12190	51.867	ug/l	75
93) 1,2,4-Trichlorobenzene	15.013	180	90454	45.625	ug/l	98
94) Hexachlorobutadiene	15.117	225	46360	46.061	ug/l	99
95) Naphthalene	15.239	128	202353	47.650	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	80033	46.131	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
Data File : VY008364.D
Acq On : 18 Apr 2022 10:59
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

Quant Time: Apr 19 06:26:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Quant Time: Apr 19 06:26:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

